

## EAST Search History

| Ref # | Hits   | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L125  | 924    | (313/351).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L126  | 1941   | (313/495).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L127  | 64504  | "313"/\$.ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L128  | 22301  | L127 and cathode   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L129  | 3546   | 313/495  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L130  | 511    | L111 and @ad<"20031017"  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L131  | 490    | L130 and substrate   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L132  | 924    | (313/351).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L133  | 270    | L115 and cathode   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L134  | 195    | L133 and substrate   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L135  | 1505   | (313/309).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L136  | 1941   | (313/495).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L137  | 4468   | L88 and (fed or (field adj emission))  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L138  | 2071   | L137 and gate  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L139  | 1594   | L138 and emitter   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L140  | 732    | L139 and (microtip or micro-tip or (micro adj tip) or nanotube or nanofiber or nano-tube or nano-fiber or nanocylinder or nano-cylinder or (nano adj (fiber or tube or cylinder))) | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L142  | 4468   | L128 and (fed or (field adj emission))   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L143  | 2071   | L142 and gate  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L144  | 1594   | L143 and emitter   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L145  | 732    | L144 and (microtip or micro-tip or (micro adj tip) or nanotube or nanofiber or nano-tube or nano-fiber or nanocylinder or nano-cylinder or (nano adj (fiber or tube or cylinder))) | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L146  | 948    | (313/336).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L147  | 3546   | 313/495  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L148  | 1505   | (313/309).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/03/29 03:04 |
| L149  | 511    | L140 and @ad<"20031017"  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |
| L150  | 104223 | ("313"/\$ or "315"/\$).ccls.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/03/29 03:04 |

## EAST Search History

|      |        |  |                      |    |     |                  |
|------|--------|--|----------------------|----|-----|------------------|
| L151 | 948    | (313/336).CCLS.  | US-PGPUB;<br>USPAT   | OR | OFF | 2007/03/29 03:04 |
| L152 | 1      | L140 and (bellmouse or bell-mouse or (bell adj mouse))   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L153 | 1      | L145 and (bellmouse or bell-mouse or (bell adj mouse))   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L154 | 490    | L149 and substrate   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L155 | 312    | L131 and (hole or opening)   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L156 | 69     | L155 and cylindrical   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L157 | 15     | (bellmouse or bell-mouse or (bell adj mouse))  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L158 | 15     | (bellmouse or bell-mouse or (bell adj mouse))  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L159 | 84     | L134 and (microtip or micro-tip or (micro adj tip) or nanotube or nanofiber or nano-tube or nano-fiber or nanocylinder or nano-cylinder or (nano adj (fiber or tube or cylinder))) | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L160 | 195    | L133 and substrate   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L161 | 15     | (bellmouse or bell-mouse or (bell adj mouse))  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L162 | 312    | L154 and (hole or opening)   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L163 | 69     | L162 and cylindrical   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L164 | 278    | L95 and @ad<"20031017"   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:04 |
| L165 | 317    | L94 and ((gate or grid) with (cylindrical or circular or disk))  | US-PGPUB;<br>USPAT   | OR | ON  | 2007/03/29 03:10 |
| L166 | 582648 | (fed or (field adj emission))  | EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/29 03:09 |
| L167 | 17532  | 166 and substrate  | EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/29 03:10 |
| L168 | 2663   | 167 and (hole or opening)  | EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/29 03:10 |
| L169 | 14     | 168 and ((gate or grid) with (cylindrical or circular or disk))  | EPO; JPO;<br>DERWENT | OR | ON  | 2007/03/29 03:10 |